



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

**MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION**

11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786)315-2590 F (786) 31525-99

www.miamidade.gov/economy

The Dow Chemical Company
200 Larkin Center
1605 Joseph Drive
Midland, MI 48674

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code including the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: : Dow STYROFOAM™ Brand Roof Insulation Boards

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of pages 1 through 3.

The submitted documentation was reviewed by Jorge L. Acebo.



NOA No.: 13-0507.01
Expiration Date: 02/06/19
Approval Date: 02/06/14
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ROOFING COMPONENT APPROVAL

Category: Roofing
Sub-Category: Insulation
Material: XPS

SCOPE:

This approves **STYROFOAM™ ROOFMATE™ & STYROFOAM™ PLAZAMATE™**, as manufactured by The Dow Chemical Company as described in this Notice of Acceptance. These products have been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone of the Florida Building Code.

TYPICAL PHYSICAL PROPERTIES:

STYROFOAM™ ROOFMATE™

<u>Property</u>	<u>Test</u>	<u>Typical Results</u>
Density	ASTM C303	2.0 lbs./ft. ³
Compressive Strength	ASTM D1621	45 psi
Flexural Strength	ASTM C203	83.6 psi
Thermal Resistance	ASTM C518	10.7
Water Absorption	ASTM C209	0.1% by volume
Moisture Vapor Transmission	ASTM E96	.9 perms
Dimensional Stability	ASTM D2126	Less than 2% by volume
Surface Burning Characteristics (5" Foam Core Max.)	ASTM E84	Flame Spread: 50 Smoke Developed: 500

STYROFOAM™ PLAZAMATE™

<u>Property</u>	<u>Test</u>	<u>Typical Results</u>
Density	ASTM C303	2.2 lbs./ft. ³
Compressive Strength	ASTM D1621	63.2 psi
Flexural Strength	ASTM C203	89.7 psi
Thermal Resistance	ASTM C518	8.6
Water Absorption	ASTM C209	0.1% by volume
Moisture Vapor Transmission	ASTM E96	.9 perms
Dimensional Stability	ASTM D2126	Less than 2% by volume
Surface Burning Characteristics (5" Foam Core Max.)	ASTM E84	Flame Spread: 50 Smoke Developed: 500

Note: The physical properties listed above are presented at typical average values as determined by accepted ASTM test methods and are subject to normal manufacturing variation. Numerical ratings as determined by ASTM Test Method E-84 are not intended to reflect hazards presented by this or any other material under actual fire conditions.

EVIDENCE SUBMITTED

<u>Test Agency</u>	<u>Test Identifier</u>	<u>Test Specification</u>	<u>Date</u>
Trinity ERD	D45660.01.14-R-1	TAS-110/ASTM C578	01/14/14
Underwriters Laboratories, Inc.	R3573	UL790	12/09/11

MANUFACTURING LOCATION:

1. Ironton, OH.



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PRODUCT DESCRIPTION:

Trade name:	STYROFOAM™ ROOFMATE™
Thickness:	1" - 4.0"
Board Size(s)	2' x 8'
Core:	Extruded Polystyrene (TAS 110 / ASTM C578 Type VI)
Facers:	None
Decks:	Concrete, Cementitious Wood Fiber, Steel, Wood, Lightweight Concrete and Gypsum
Special Attachment Application:	Flat boards and Multilayer systems shall comply with established guidelines listed in RAS 117 for specific system approval and specific roof assembly listed in NOA approval.
Trade name:	STYROFOAM™ PLAZAMATE™
Thickness:	1.5" - 3.0"
Board Size(s)	2' x 8'
Core:	Extruded Polystyrene (TAS 110 / ASTM C578 Type VII)
Facers:	None
Decks:	Concrete, Cementitious Wood Fiber, Steel, Wood, Lightweight Concrete and Gypsum
Special Attachment Application:	Flat boards and Multilayer systems shall comply with established guidelines listed in RAS 117 for specific system approval and specific roof assembly listed in NOA approval.

LIMITATIONS:

1. Fire classification is not a part of this Notice of Acceptance
2. Roof assemblies are approved under specific roof cover's Product Control Notice of Acceptance.
3. Dow STYROFOAM™ products may be used with any approved roof covering listing a specific Dow STYROFOAM™ product as a component part of a roof assembly Notice of Acceptance. If a Dow STYROFOAM™ product is not listed, a request may be made to the local building inspector or the Miami Dade Product Control Office for approval provided that appropriate documentation is provided.
4. The products listed herein are components of roof assemblies and are approved for use with roof assemblies that list the products listed herein as part of their roof assemblies Notice of Acceptance. See roof system Notice of Acceptance (NOA) for application rates and uses.
5. All products listed herein shall have an unannounced follow-up quality control program from an approved listing agency. Follow up test results shall be made available to Miami-Dade County Product Control upon request.
6. Change in materials, use, or manufacture of any products listed herein shall be cause for termination of this Notice of Acceptance.
7. All products listed herein shall have a quality assurance audit in accordance with the Florida Building Code and Rule 9N-3 of the Florida Administrative Code.
8. All approved products listed herein shall be labeled and shall bear the imprint or identifiable marking of the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved" or the Miami-Dade County Product Control Seal as shown below.

MIAMI-DADE COUNTY
APPROVED

END OF THIS ACCEPTANCE

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